

“ION Energy launches its latest Battery Management Platform targeted at Electric Vehicles and Grid-Scale Storage Systems”

<http://www.ionenergy.co>

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ION Energy, a battery technology company that specializes in battery management and intelligence has just launched “FS-XT”, their latest Battery Management Platform targeted at Electric Vehicles and Grid-Scale Storage Systems.

High voltage applications like EVs, ESS, Military Drones etc demand BMS that can deliver high performance and extreme precision. In order to efficiently manage these high voltage batteries, the FS-XT has a modular design based on a Master-Slave Configuration. This allows it to be relevant for any application between 100-1000V.

The Master BMS contains 4 channels, each of which can be connected to 10 Slave BMS in a daisy chain formation. This means the FS-XT can be scaled up to manage upto 720 cells in series. This versatility allows it to be used across a wide variety of next generation of electric vehicles - Cars, buses, trucks and even industrial moving equipment.

“Battery power is finding all sorts of applications from forklifts and cars to grid-scale energy storage systems. To be ahead of the curve of this acceleration in adoption of Li-Ion batteries, we’ve launched the FS-XT, our battery management system for high power applications.”

- Akhil Aryan, CEO & Co-Founder, ION Energy

ION Energy is currently working with leading Battery Pack Makers and OEMs from Germany, France, India, Poland, Africa, USA and More. The FS-XT is already pre-ordered for use in commercial applications by India’s largest automobile manufacturer and Germany’s largest construction equipment maker. Both of whom will be using the platform for high voltage applications.

By 2020, ION plans on having upwards of 1GWh of batteries under management, with 60% of this being managed by the FS-XT platform.

What is a BMS?

A Battery Management System (BMS) is the “brain” of the battery pack. It measures crucial information about the operation of the individual cells, evaluates key parameters and manages the battery from operating outside its boundaries.

About ION

ION Energy is a battery management and intelligence platform, used by OEMs and Battery Pack Makers around the world to design, build and manage their Lithium-Ion batteries. Founded by a team of PhDs with over 4 decades of experience in advanced electronics, battery systems and Artificial Intelligence. ION has built a proprietary platform with a software and AI first approach. By using this platform, serious pack makers can accelerate “building their own BMS” and optimize battery performance.

In 2018, ION Energy acquired Freemans SAS, a French pioneer in battery management systems and integrated software capabilities. The company’s industry-leading battery management system (BMS) has been used to ensure the highest levels of safety and performance for clients including RGM, Wamtechnik, CarWatt, NTN SNR, and iM3.

ION has offices in Mumbai and Grenoble, France. Investors include Astarc Ventures, Sattva Capital, and executives from Dentsu Aegis, Salesforce, Times Internet and Credit Suisse.

Website - www.ionenergy.co

LinkedIn - <https://www.linkedin.com/company/ionenergy/>

Media Kit - <https://drive.google.com/open?id=1I0ySyK9JRPBSSibgBcG37oShWgDAO9-5>

The People Behind ION

Led by a team of PhDs with over 4 decades of experience in advanced electronics and battery systems, ION Energy has teams in India, France and North America.

Akhil Aryan, Co-Founder and CEO, of ION Energy. A serial entrepreneur, Aryan has been involved in the founding of companies at the intersection of technology and design across three continents. He most recently led all product and growth at Haptik, one of India’s largest AI companies.

Alexandre Collet, Co-Founder and CTO, previously founded Freemans SAS, an industry leader in battery management systems, after researching groundbreaking inventions in power electronics architecture, Lithium-Ion cell ageing factors and state identification at the University of Grenoble, France